KHX3200AK2/2G

2GB (1GB 128M x 64-Bit x 2 pcs.)
PC3200 CL2 184-Pin DIMM Kit

DESCRIPTION:

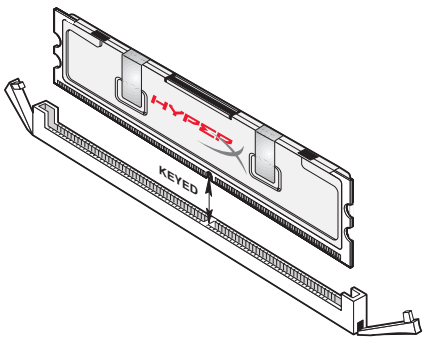
Kingston's KHX3200AK2/2G is a kit of two 128M x 64-bit 1GB (1024MB) DDR400 SDRAM (Synchronous DRAM) CL2 memory modules. Total kit capacity is 2GB (2048MB). The components on each module include sixteen 64M x 8-bit (16M x 8-bit x 4 Bank) DDR400 SDRAM in TSOP packages. Each 184-pin DIMM uses gold contact fingers and requires +2.6V. The electrical and mechanical specifications are as follows:

FEATURES:

- ☑ Power supply : Vdd: 2.6V ± 0.2V, Vddq: 2.6V ± 0.2V
- ☑ Double-data-rate architecture; two data transfers per clock cycle
- ☑ Bidirectional data strobe(DQS)
- ☑ Differential clock inputs(CK and CK)
- ☑ DLL aligns DQ and DQS transition with CK transition
- ☑ Programmable Read latency 2 (clock)
- ☑ Programmable Burst length (2, 4, 8)
- ☑ Programmable Burst type (sequential & interleave)
- ☑ Timing Reference: 2-3-2-6-1 at +2.6V
- ☑ Edge aligned data output, center aligned data input
- ☑ Auto & Self refresh, 7.8us refresh interval(8K/64ms refresh)
- ☑ Serial presence detect with EEPROM
- ☑ High Performance Heat Spreader
- ☑ PCB : Height 1.250” (34.75mm), double sided component

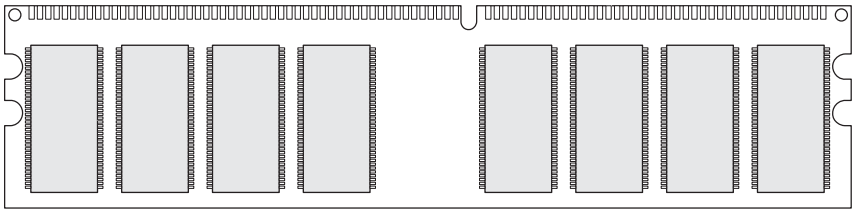
PERFORMANCE:

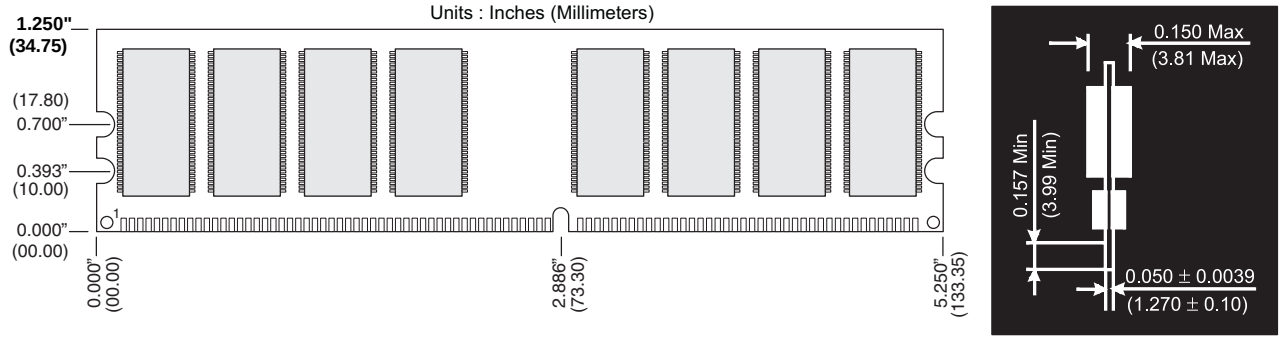
☑ Clock Cycle Time (tCK)	5ns (min.) / 10ns (max.)
☑ Row Cycle Time (tRC)	55ns (min.)
☑ Refresh Row Cycle Time (tRFC)	65ns (min.)
☑ Row Active Time (tRAS)	40ns (min.) / 100,000ns (max.)
☑ Power	3.825 W (operating per module)
☑ UL Rating	94 V - 0
☑ Operating Temperature	0° C to 70° C
☑ Storage Temperature	-55° C to +150° C

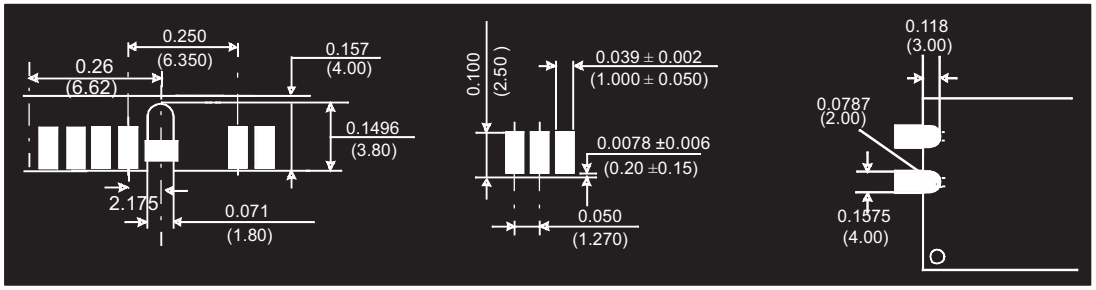


Preliminary

MODULE DIMENSIONS:







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